

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

P565

Carmel 15' quad
15y-1.6S-4.0E

Locate well on plat of section.

1. Location: State New York County Putnam
Nearest P. O. Carmel Direction from P. O. N
Distance from P. O. 3 1/2 miles; 1/4 sec. T., R.
If in city, give street and number formerly Wintergarden Farms
Route 52
2. Owner: Frank Ruepp Address Carmel, N.Y.
Driller: P.F. Beal and Sons, Inc. Address 4 Putnam Ave., Brewster, N. Y.
3. Situation: Is well on upland, in valley, or on hillside? hillside valley
4. Elevation of top of well: 720 ft. above the level of sea (Sea, dike, lake, or stream)
5. Type of well: drilled (Dug, driven, bored, or drilled); kind of drilling rig used core drill (Solid tool, jacking, rotary, etc.)
6. Depth of well: 154 ft.; year in which well was finished Jan. 29, 1946
Does well enter rock? yes; if so, at what depth? 20 ft.; kind of rock granite
7. Diameter: At top 6 inches; at bottom 6 inches.
8. Principal water bed: Basal granite
Depth to principal water bed 150 ft.; thickness of bed ft.
If other water supplies were found, give depth to each at 125' - about 4-5 GPM
9. Casings: Kind steel; size 6"; length 25 ft.; between depths of 0 and 25 ft.
Kind NYS DPH; size ; length 20 ft.; between depths of and ft.
Kind ; size ; length ft.; between depths of and ft.
Packers (if any): Depth at which packers were used None; kind
Screen or Strainer: Was well finished with screen? No; kind of screen
length of screen ft.; diameter inches; size of openings
10. Head: Does well at present overflow without pumping? yes; did it overflow when new? yes
if flowing, give pressure lb. per sq. inch; or height water will rise in a pipe ft. above surface;
original pressure or head ; if not flowing, give water level in well over flowing ft. below surface
11. Pump: Is the well pumped? yes; kind of pump Myers JW electric
size or capacity of pump ; kind of power electric
12. Yield: Natural flow at present (if any) gallons per minute; original flow gallons per minute;
well has been pumped at 26-27 gallons per minute continuously for 8 hours;
quantity of water ordinarily obtained from well (see over) gallons per day.
13. Use: For what purpose is the water used? Restaurant-Tavern 50-60 customers daily
14. Quality of the water: see analysis (over) soft; is there an analysis? yes (over)
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: Temperature of water ° F.

Name of person filling blank I.G. Grossman from driller's records & owner
Date 7-22-50 Address U. S. Geol. Survey, Albany & NYS DPH at Poughkeepsie

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above
2-2-50
2-2-50
8-3-50
(Beal's drilling form)

Mr. Brown's ^{Ray} Thompson
(Beal's drilling foreman)

LOG OF WELL from memory

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Boulders & hardpan	0	19	19	yes boulders after 8' or 9' down.
Gravel - mixed colors	19	20	1	
Bedrock	20	154	134	(overflow)
Well overflowed 6-7 GPM. (H. Beal) ← only 3 GPM - Ray Thompson				
Test pumped 26-27 GPM for 8 hours				
Pumping level 120 ft. - Could not lower it more.				

3 wells on property - To Page - 8-9 years ago.

Hooked up to 1000 gal. storage tank located in concrete well pit.

Partial Analysis 6-14-46 Kitchen tap

Cl 4.0 ppm
NO₃ 0.20 "

Measured overflow was 3 GPM.

Permutit Analysis (from Beal)

Comm. Analysis: Wintergarden Farms

7-15-46 Drilled well from kitchen tap

Total hardness 64 ✓

alk A 54 ✓

CO₂ 6

Cl 7 4.9 ✓

Na 14 6 ✓

Fe 0.2 ✓

Turbidity 10 ✓

Color 35 ✓

PH 7.2 ✓

Total Comp. hardness 4

no taste or odor